the net addition of claims are hereby authorized to be charged to our Deposit Account No. 23-1951.

## AMENDMENTS TO THE CLAIMS

Please **AMEND** claims 1, 5, 6, 7 and 8, as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A liquid crystal display apparatus comprising:

~~a lower substrate including~~ a first transparent substrate;

~~an upper substrate facing the first transparent substrate, the upper substrate including~~ a second transparent substrate facing the first transparent substrate;

a liquid crystal layer interposed between the ~~lower substrate~~ first and ~~the upper substrate~~ second transparent substrates; and

a retardation layer having a function of a biaxial film interposed between the first and second transparent substrates~~, the retardation layer~~ and compensating phase difference of light that passes through the liquid crystal layer.

2. (Original) The liquid crystal display apparatus of claim 1, wherein the retardation layer comprises a liquid crystal polymer.

3. (Original) The liquid crystal display apparatus of claim 2, wherein the liquid crystal polymer corresponds to cholesteric liquid crystal.

4. (Currently Amended) The ~~liquid crystal display apparatus~~ LCD of claim 1, wherein the retardation layer includes reactive mesogen mixture (RMM), polyvinylalcohol (PVA), polycarbonate (PC), or cycloolefin polymer (COP).

5. (Currently Amended) The liquid crystal display apparatus of claim 1, ~~wherein the upper substrate further comprises~~ further comprising a color filter layer disposed on the second transparent substrate, ~~and~~

wherein the retardation layer is disposed on the color filter layer ~~to protect the color filter layer~~.

6. (Currently Amended) The liquid crystal display apparatus of claim 1, ~~wherein the upper substrate further comprises~~ further comprising:

a color filter layer disposed on the second transparent substrate; and

a protection layer disposed on the color filter layer, ~~the protection layer protecting the color filter layer, and~~

wherein the retardation layer is disposed on the protection layer.

7. (Currently Amended) The liquid crystal display apparatus of claim 1, ~~wherein the upper substrate further comprises~~ further comprising:

a color filter layer[[,]] disposed on the second transparent substrate;

a protection layer disposed on the color filter layer[[,]];

a common electrode layer disposed on the protection layer, ~~and~~

wherein the retardation layer is disposed on the common electrode layer.

8. (Currently Amended) The liquid crystal display apparatus of claim 1, ~~wherein the lower substrate further comprises~~ further comprising:

a pixel electrode formed on the first transparent substrate; and

an alignment film formed on the pixel electrode,

wherein the retardation layer ~~being~~ is interposed between the pixel electrode and the alignment film.

9. (Withdrawn) A method of manufacturing a color filter substrate, comprising: forming a color filter layer on a transparent substrate; coating a liquid crystal material on the color filter layer; irradiating an ultraviolet light onto the liquid crystal material to form a retardation layer with a fixed alignment of liquid crystal molecules of the liquid crystal material, the retardation layer; forming a common electrode layer on the retardation layer; and forming an alignment film on the common electrode layer.

10. (Withdrawn) The method of claim 9, wherein the liquid crystal material is coated via a micro gravure coating method or a capillary coating method.

11. (Withdrawn) The method of claim 9, wherein the retardation layer comprises reactive mesogen mixture (RMM), polyvinylalcohol (PVA), polycarbonate (PC) or cycloolefin polymer (COP).

12. (Withdrawn) The method of claim 9, wherein the liquid crystal material corresponds to a cholesteric liquid crystal.

13. (Withdrawn) The method of claim 9, wherein a polarized ultraviolet light is irradiated to form the retardation layer having a function of a biaxial film.

14. (Withdrawn) The method of claim 9, wherein a non-polarized ultraviolet light is irradiated onto the retardation layer to form the retardation layer having a function of a C-plate film.

15. (Withdrawn) A method of manufacturing a color filter substrate, comprising: forming a color filter layer on a transparent substrate; forming a protection layer on the color filter layer; coating a liquid crystal material on the protection layer; irradiating an ultraviolet light onto the liquid crystal material to form a retardation layer with a fixed alignment of liquid crystal molecules of the liquid crystal material, the retardation layer; forming a common electrode layer on the retardation layer; and forming an alignment film on the common electrode layer.

16. (Withdrawn) The method of claim 15, wherein the liquid crystal material is coated via a micro gravure coating method or a capillary coating method.

17. (Withdrawn) The method of claim 15, wherein the retardation layer comprises reactive mesogen mixture (RMM), polyvinylalcohol (PVA), polycarbonate (PC) or cycloolefin polymer (COP).

18. (Withdrawn) The method of claim 15, wherein the liquid crystal material corresponds to a cholesteric liquid crystal.

19. (Withdrawn) The method of claim 15, wherein the ultraviolet light is polarized to form the retardation layer having a function of a biaxial film.

20. (Withdrawn) The method of claim 15, wherein the ultraviolet light corresponds to a non-polarized ultraviolet light to form the retardation layer having a function of a C-plate film.

21. (Withdrawn) A method of manufacturing a color filter substrate, comprising: forming a color filter layer on a transparent substrate; forming a protection layer on the color filter layer; forming a common electrode layer on the protection layer; coating a liquid crystal material on the common electrode layer; irradiating an ultraviolet light onto the liquid crystal material to form a retardation layer with a fixed alignment of liquid crystal molecules of the liquid crystal material, the retardation layer; and forming an alignment film on the retardation layer.

22. (Withdrawn) The method of claim 21, wherein the liquid crystal material is coated via a micro gravure coating method or a capillary coating method.

23. (Withdrawn) The method of claim 21, wherein the retardation layer comprises reactive mesogen mixture (RMM), polyvinylalcohol (PVA), polycarbonate (PC) or cycloolefin polymer (COP).

24. (Withdrawn) The method of claim 21, wherein the liquid crystal material corresponds to a cholesteric liquid crystal.

25. (Withdrawn) The method of claim 21, wherein the ultraviolet light is polarized to form the retardation layer having a function of a biaxial film.

26. (Withdrawn) The method of claim 21, wherein the ultraviolet light corresponds to a non-polarized ultraviolet light to form the retardation layer having a function of a C-plate film.

27. (Withdrawn) A method of manufacturing an array substrate, comprising: forming a pixel electrode on a region of a substrate, such that the pixel electrode is electrically connected to a switching device, the region being defined by a gate line and a data line; coating a liquid crystal material on the pixel electrode layer; irradiating an ultraviolet light onto the liquid crystal material to form a retardation layer with a fixed

alignment of liquid crystal molecules of the liquid crystal material, the retardation layer; and forming an alignment film on the retardation layer.

28. (Withdrawn) The method of claim 27, wherein the liquid crystal material is coated via a micro gravure coating method or a capillary coating method.

29. (Withdrawn) The method of claim 27, wherein the retardation layer comprises reactive mesogen mixture (RMM), polyvinylalcohol (PVA), polycarbonate (PC) or cycloolefin polymer (COP).

30. (Withdrawn) The method of claim 27, wherein the liquid crystal material corresponds to a cholesteric liquid crystal.

31. (Withdrawn) The method of claim 27, wherein the ultraviolet light is polarized to form the retardation layer having a function of a biaxial film.

32. (Withdrawn) The method of claim 27, wherein the ultraviolet light corresponds to a non-polarized ultraviolet light to form the retardation layer having a function of a C-plate film.